Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 through 1990 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988, 1 percent to 2 percent for 1989, and 0.3 percent to 3 percent for 1990.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 through 1990 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988, 0.09 percent to 0.14 percent for 1989, and 0.01 percent to 0.05 percent for 1990.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1990*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202/586-8800).*

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy of the Department of Energy or any other organization.

- Distribution Category UC-98
- Released for Printing October 11, 1991

Contents

Illustrations

Tables

Summary

U.S. coal production in the week ended October 5, 1991, as estimated by the Energy Information Administration, totaled 19 million short tons. This was 5 percent less than in the previous week, and 6 percent lower than in the comparable week in 1990. Production east of the Mississippi River totaled 12 million short tons, and production west of the Mississippi River totaled 7 million short tons.

Coal consumption at electric utility plants in July 1991 totaled 72 million short tons, 1 percent higher than in July 1990. Total coal consumption at electric utility plants for the first 7 months of 1991 was 443 million short tons, slightly more than in the comparable period in 1990. The largest regional changes occurred in the Mountain Census Division where consumption dropped 3 million short tons, and in the West South Central Census Division, where consumption rose 3 million short tons.

In the Mountain Census Division, electric utility coal consumption was down primarily because nuclear-powered and hydroelectric generation replaced some coal-fired and natural gas-fired generation. In the West South Central Census Division, electric utility coal consumption was up because coal-fired generation was used to meet the higher electricity demand.

Electric utility coal stocks were 2 percent higher then a year ago, with stocks on July 31, 1991, at 156 million short tons, compared with 153 million short tons on July 31, 1990. Electric utilities drew down coal stocks by 6 million short tons during July 1991.

Coal receipts at electric utility plants in June 1991 were 61 million short tons, 3 percent lower than a year earlier. Total coal receipts at electric utilities for the first half of 1991 totaled 373 million short tons, 4 percent less than in the comparable period in 1990, reflecting a slower rate of coal stock replenishment by electric utilities.

Figure 1. Coal Production

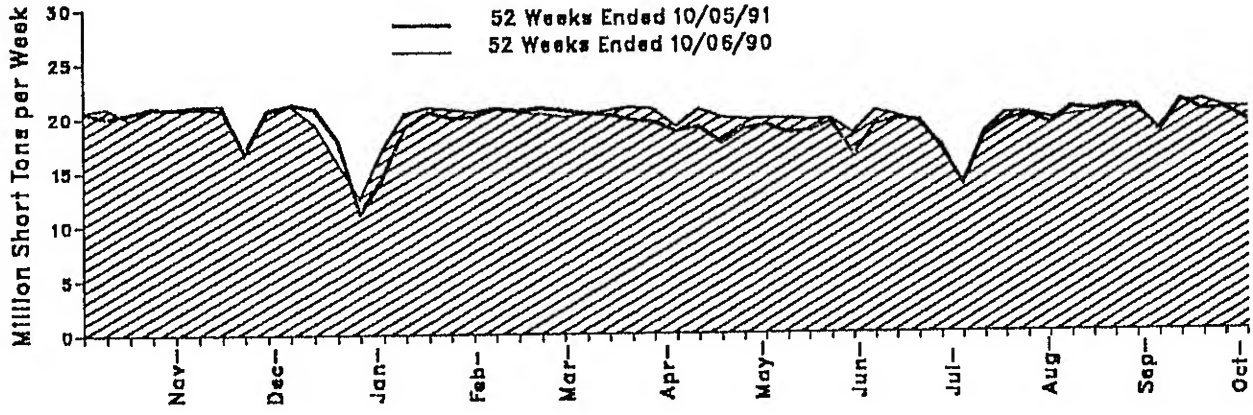

Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	10/05/91	09/28/91	10/06/90	10/05/91	10/06/90	Percent Change
Production (Thousand Short Tons)						
Bituminous Coal[1] and Lignite	19,291	20,388	20,420	1,001,149	1,021,097	-2.0
Pennsylvania Anthracite	53	56	74	2,859	3,490	-18.1
U.S. Total	19,344	20,444	20,494	1,004,008	1,024,587	-2.0
Railroad Cars Loaded	127,570	133,384	133,847	6,502,555	6,645,037	

[1] Includes subbituminous coal.

Notes: 1991 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	10/05/91	09/28/91	10/06/90
Bituminous Coal[1] and Lignite			
East of the Mississippi	11,877	12,345	12,396
Alabama	521	555	535
Illinois	1,139	1,226	1,122
Indiana	738	842	687
Kentucky	3,113	3,168	3,466
Kentucky, Eastern	2,387	2,438	2,566
Kentucky, Western	726	730	900
Maryland	68	69	68
Ohio	662	685	719
Pennsylvania Bituminous	1,471	1,496	1,290
Tennessee	110	115	103
Virginia	876	911	986
West Virginia	3,179	3,278	3,418
West of the Mississippi	7,414	8,043	8,024
Alaska	37	28	48
Arizona	222	231	263
Arkansas	1	1	1
California	-	-	3
Colorado	220	397	323
Iowa	6	7	7
Kansas	11	15	12
Louisiana	77	65	89
Missouri	48	48	48
Montana	726	722	811
New Mexico	531	561	561
North Dakota	558	555	551
Oklahoma	33	34	29
Texas	1,069	1,244	1,093
Utah	271	443	366
Washington	91	89	97
Wyoming	3,514	3,603	3,721
Bituminous Coal[1] and Lignite Total	19,291	20,388	20,420
Pennsylvania Anthracite	53	56	74
U.S. Total	19,344	20,444	20,494

[1] Includes subbituminous coal.

Notes: 1991 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Statistics for Electric Utilities, 1982-1991

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		Million kWh[1]	Percent[2]	
1982	601,427	90.4	165	1.42	593,666	1,192,004	53.2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	166	1.39	664,399	1,341,681	55.5	179,727
1985	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,806
1987	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988	727,775	86.3	147	1.28	758,372	1,540,653	57.0	146,507
1989								
January	62,443	82.6	143	1.28	66,767	135,181	58.1	142,538
February	56,634	82.9	145	1.29	62,784	127,187	57.9	137,363
March	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April	62,076	82.2	144	1.27	56,144	115,451	55.5	144,674
May	64,796	84.0	145	1.30	58,527	119,108	54.1	151,067
June	61,272	83.9	145	1.26	63,635	128,615	54.6	148,981
July	55,429	83.2	144	1.22	69,720	138,638	53.9	134,865
August	70,147	82.9	145	1.29	70,493	141,901	54.9	133,948
September	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October	66,576	80.7	145	1.29	60,561	122,393	55.7	142,280
November	65,570	80.7	144	1.28	61,006	124,338	56.7	147,207
December	60,515	81.9	143	1.27	72,336	147,227	56.8	135,860
Total	753,217	82.4	144	1.28	766,888	1,553,661	55.8	
1990								
January	67,637	82.7	145	1.30	66,290	132,672	55.9	137,485
February	62,280	82.1	146	1.30	57,996	115,898	54.5	142,218
March	67,518	83.1	145	1.31	60,748	122,958	54.4	149,388
April	63,888	82.9	147	1.30	57,776	117,278	55.6	155,962
May	64,958	83.1	148	1.30	59,140	119,785	53.7	161,695
June	63,604	82.4	146	1.29	65,167	132,461	53.2	160,923
July	63,427	82.8	144	1.26	71,376	144,225	54.2	152,982
August	70,571	83.5	145	1.29	72,042	147,135	54.8	150,123
September	65,728	82.3	145	1.28	66,727	135,345	56.9	149,013
October	69,159	82.2	146	1.28	64,264	130,282	58.0	155,191
November	65,401	82.3	145	1.27	60,916	123,841	58.0	159,895
December	62,386	81.7	142	1.26	68,335	136,576	57.6	155,163
Total	786,557	82.6	145	1.29	771,678	1,559,457	55.5	
1991								
January	63,356	84.5	146	1.26	71,190	141,677	57.1	148,736
February	61,059	85.6	147	1.26	58,443	117,536	55.8	152,202
March	63,537	86.6	145	1.27	59,195	118,066	53.4	157,031
April	60,747	87.1	147	1.26	55,483	112,177	53.7	162,804
May	63,005	86.3	148	1.26	61,298	123,664	52.8	165,483
June	61,488	86.6	147	1.27	65,777	131,681	53.1	161,410
July	NA	NA	NA	NA	71,862	143,586	52.9	155,668

[1] Kilowatthours

[2] Coal-fired generation as a percentage of total generation.

NA Not available.

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Sources: **Receipts:** Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." **Consumption, Stocks and Generation:** Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 4. Coal-Fired Net Generation, July 1991
(Million Kilowatthours)

Census Division and State	July 1991	July 1990	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1991	1990	Percent Change	1991	1990
New England	1,530	1,492	2.6	9,608	8,962	7.2	18.1	16.2
Connecticut	184	195	-5.9	1,193	1,416	-15.7	7.6	7.4
Maine	-	-	-	-	-	-	-	-
Massachusetts	1,072	1,045	2.5	6,574	6,152	6.9	32.3	27.2
New Hampshire	275	251	9.3	1,841	1,395	32.0	22.1	31.0
Rhode Island	0	0	-	0	0	-	.0	.0
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	11,491	11,655	-1.4	78,669	78,686	*	41.0	40.5
New Jersey	289	770	-62.5	2,740	4,191	-34.6	13.3	21.5
New York	2,215	2,146	3.2	14,230	14,434	-1.4	19.1	19.1
Pennsylvania	8,987	8,739	2.8	61,699	60,060	2.7	63.6	60.4
East North Central	33,021	32,158	2.7	213,059	210,214	1.4	73.6	74.1
Illinois	4,590	4,713	-2.6	31,963	31,751	.7	43.1	43.6
Indiana	8,843	8,829	.1	55,591	56,308	-1.3	98.4	98.4
Michigan	5,929	5,844	1.5	39,217	38,078	3.0	71.8	69.3
Ohio	10,761	9,914	8.5	66,731	65,705	1.6	86.8	90.2
Wisconsin	2,898	2,857	1.4	19,557	18,373	6.4	71.4	71.2
West North Central	15,085	14,919	1.1	94,296	93,705	.6	73.5	75.0
Iowa	2,382	2,312	3.0	14,482	14,153	2.3	83.2	84.4
Kansas	2,365	2,201	7.5	12,565	13,927	-9.8	65.8	73.7
Minnesota	1,945	2,106	-7.6	14,782	15,193	-2.7	65.8	65.5
Missouri	4,541	4,619	-1.7	28,184	26,448	6.6	79.2	77.5
Nebraska	1,371	1,286	6.6	7,921	8,034	-1.4	55.7	64.1
North Dakota	2,242	2,171	3.3	14,627	14,598	.2	93.1	92.7
South Dakota	239	224	6.7	1,735	1,352	28.4	44.6	36.8
South Atlantic	29,902	30,834	-3.0	178,144	179,344	-.7	56.7	58.7
Delaware	492	495	-.6	2,798	2,735	2.3	62.4	64.1
District of Columbia	-	-	-	-	-	-	-	-
Florida	6,064	5,607	8.1	34,217	33,889	1.0	45.9	48.6
Georgia	6,072	6,959	-12.7	34,484	37,282	-7.5	64.5	67.7
Maryland	2,409	2,215	8.8	13,291	13,689	-2.9	61.0	76.8
North Carolina	4,632	4,448	4.1	25,638	24,601	4.2	53.3	53.2
South Carolina	2,029	2,412	-15.9	12,863	13,149	-2.2	31.3	32.8
Virginia	2,090	2,024	3.3	12,810	10,614	20.7	45.6	37.4
West Virginia	6,113	6,675	-8.4	42,043	43,386	-3.1	99.0	98.9
East South Central	18,758	17,830	5.2	105,784	102,179	3.5	70.9	71.4
Alabama	5,946	5,378	10.6	32,071	28,458	12.7	69.0	64.6
Kentucky	7,150	6,913	3.4	41,669	41,134	1.3	94.2	95.3
Mississippi	854	1,223	-30.2	4,897	5,378	-8.9	35.6	39.0
Tennessee	4,808	4,316	11.4	27,147	27,209	-.2	60.7	64.5
West South Central	17,475	17,616	-.8	104,543	101,525	3.0	47.9	47.4
Arkansas	2,099	2,133	-1.6	11,469	9,966	15.1	51.8	47.2
Louisiana	1,842	1,717	7.3	10,767	9,422	14.3	33.3	28.5
Oklahoma	2,813	2,407	16.9	14,570	14,202	2.6	56.8	53.7
Texas	10,720	11,359	-5.6	67,737	67,934	-.3	49.0	50.8
Mountain	15,617	16,980	-8.0	99,548	106,814	-6.8	71.5	76.9
Arizona	2,946	3,344	-11.9	16,834	18,715	-10.1	45.1	56.5
Colorado	2,531	2,616	-3.3	16,581	17,253	-3.9	93.3	94.3
Idaho	-	-	-	-	-	-	-	-
Montana	1,198	965	24.1	8,576	8,248	4.0	54.5	56.0
Nevada	1,506	1,482	1.6	8,939	7,887	13.3	76.5	76.2
New Mexico	1,628	2,445	-33.4	11,453	15,247	-24.9	86.5	90.2
Utah	2,451	2,800	-12.4	15,977	18,181	-12.1	95.9	97.6
Wyoming	3,357	3,329	.9	21,189	21,283	-.4	97.9	98.1
Pacific	708	741	-4.5	4,736	3,849	23.0	3.0	2.3
California	-	-	-	-	-	-	-	-
Oregon	87	-1	NM	1,095	-13	NM	3.7	*
Washington	607	713	-14.9	3,457	3,674	-5.9	5.3	5.9
Alaska	14	29	-51.7	184	189	-2.3	7.1	7.3
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	143,586	144,225	-.4	888,386	885,278	.4	54.1	54.5

* For quantity data, the absolute value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

NM Percent change calculation not meaningful as value is greater than 500.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 5. Coal Consumption at Electric Utility Plants, July 1991
(Thousand Short Tons)

Census Division and State	July 1991	June 1991	July 1990	Year to Date		
				1991	1990	Percent Change
New England	588	491	555	3,605	3,412	5.7
Connecticut	74	74	78	488	581	-16.1
Massachusetts	404	310	380	2,398	2,289	4.8
New Hampshire	110	107	96	719	542	32.7
Rhode Island	0	0	0	0	0	-
Middle Atlantic	4,750	4,557	4,791	31,815	31,868	-.2
New Jersey	118	220	295	1,114	1,616	-31.1
New York	891	799	879	5,688	5,824	-2.3
Pennsylvania	3,741	3,538	3,617	25,013	24,429	2.4
East North Central	15,749	14,788	15,387	101,141	99,864	1.3
Illinois	2,390	2,291	2,428	16,401	16,140	1.6
Indiana	4,393	4,326	4,417	27,570	27,981	-1.5
Michigan	2,730	2,685	2,661	17,900	17,353	3.1
Ohio	4,609	4,036	4,253	28,290	28,055	.8
Wisconsin	1,627	1,451	1,628	10,979	10,335	6.2
West North Central	9,538	9,219	9,367	59,844	59,377	.8
Iowa	1,464	1,448	1,421	8,855	8,758	1.1
Kansas	1,464	1,361	1,374	7,901	8,808	-10.3
Minnesota	1,317	1,511	1,376	9,657	9,745	-.9
Missouri	2,279	2,166	2,302	14,180	13,175	7.6
Nebraska	850	726	805	4,987	5,076	-1.7
North Dakota	1,933	1,783	1,875	12,628	12,528	.8
South Dakota	232	225	214	1,637	1,287	27.2
South Atlantic	12,018	10,639	12,352	71,547	71,099	.6
Delaware	204	157	206	1,180	1,142	3.3
Florida	2,476	2,159	2,297	14,010	13,708	2.2
Georgia	2,470	2,168	2,829	14,538	15,109	-3.8
Maryland	928	875	850	5,080	5,260	-3.4
North Carolina	1,837	1,396	1,745	10,129	9,487	6.8
South Carolina	824	802	971	5,141	5,251	-2.1
Virginia	843	767	814	5,037	4,162	21.0
West Virginia	2,436	2,317	2,640	16,435	16,980	-3.2
East South Central	7,933	7,210	7,564	45,094	43,251	4.3
Alabama	2,436	2,204	2,209	13,395	11,795	13.6
Kentucky	3,140	2,858	3,064	18,402	17,993	2.3
Mississippi	359	382	499	2,050	2,200	-6.8
Tennessee	1,997	1,767	1,792	11,247	11,264	-.1
West South Central	12,345	11,629	11,941	72,927	69,836	4.4
Arkansas	1,262	1,164	1,293	6,996	6,169	13.4
Louisiana	1,182	1,027	1,137	7,076	6,270	12.9
Oklahoma	1,667	1,371	1,403	8,732	8,366	4.4
Texas	8,233	8,067	8,109	50,123	49,031	2.2
Mountain	8,480	6,891	8,931	54,054	57,193	-5.5
Arizona	1,447	1,280	1,656	8,429	9,346	-9.8
Colorado	1,362	1,281	1,403	8,949	9,241	-3.2
Montana	780	556	619	5,485	5,207	5.3
Nevada	731	538	657	4,483	3,825	17.2
New Mexico	1,072	857	1,387	6,598	8,869	-25.6
Utah	1,061	865	1,198	7,028	7,769	-9.8
Wyoming	2,027	1,513	2,011	13,082	12,916	1.3
Pacific	461	355	488	3,221	2,592	24.3
Oregon	58	11	0	740	0	-
Washington	391	325	462	2,315	2,425	-4.5
Alaska	13	18	25	166	167	-.6
U.S. Total	71,862	65,777	71,376	443,248	438,493	1.1

Note: Total may not equal sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Stocks at Electric Utility Plants, July 1991
(Thousand Short Tons)

Census Division and State	July 31, 1991	June 30, 1991	July 31, 1990	Percent Change July 31: 1991 versus 1990
New England	1,096	1,186	1,432	-23.5
Connecticut	149	168	172	-13.8
Massachusetts	590	606	849	-30.5
New Hampshire	347	384	383	-9.4
Rhode Island	10	28	28	-62.7
Middle Atlantic	15,855	16,548	15,738	.7
New Jersey	935	904	782	19.6
New York	1,737	1,975	1,672	3.9
Pennsylvania	13,183	13,670	13,284	-.8
East North Central	37,949	39,196	36,730	3.3
Illinois	7,267	7,386	7,423	-2.1
Indiana	8,873	9,389	9,320	-4.8
Michigan	7,328	7,593	7,191	1.9
Ohio	10,700	10,986	8,926	19.9
Wisconsin	3,780	3,842	3,870	-2.3
West North Central	19,964	20,006	20,023	-.3
Iowa	4,534	4,481	4,024	12.7
Kansas	3,657	3,704	3,536	3.4
Minnesota	2,218	1,983	2,243	-1.1
Missouri	5,090	5,305	5,097	-.1
Nebraska	1,622	1,639	1,618	.3
North Dakota	2,553	2,604	3,221	-20.8
South Dakota	291	290	284	2.4
South Atlantic	26,861	29,318	27,284	-1.5
Delaware	377	471	399	-5.6
Florida	5,266	5,441	5,152	2.2
Georgia	5,643	5,971	6,131	-8.0
Maryland	2,037	2,329	1,592	28.0
North Carolina	4,063	4,595	4,490	-9.5
South Carolina	1,984	2,051	1,930	2.8
Virginia	1,029	1,252	1,536	-33.0
West Virginia	6,463	7,208	6,054	6.8
East South Central	14,604	16,497	16,347	-10.7
Alabama	4,006	4,680	4,660	-14.0
Kentucky	6,227	6,938	6,815	-8.6
Mississippi	844	839	882	-4.3
Tennessee	3,528	4,040	3,991	-11.6
West South Central	17,920	16,753	15,651	14.5
Arkansas	2,134	2,191	2,045	4.4
Louisiana	1,926	1,889	2,362	-18.5
Oklahoma	3,173	3,530	3,138	1.1
Texas	10,687	9,144	8,105	31.9
Mountain	18,526	19,165	17,426	6.3
Arizona	4,088	4,534	3,136	30.4
Colorado	3,355	3,512	3,634	-7.7
Montana	822	830	847	-2.9
Nevada	1,623	1,665	1,458	11.3
New Mexico	1,461	1,378	1,345	8.6
Utah	4,376	4,347	3,521	24.3
Wyoming	2,801	2,899	3,485	-19.6
Pacific	2,894	2,742	2,350	23.1
Oregon	1,132	1,053	581	94.8
Washington	1,761	1,688	1,766	-.3
Alaska	1	1	2	-62.2
U.S. Total	155,668	161,410	152,982	1.8

Note: Total may not equal sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Receipts at Electric Utility Plants, June 1991
(Thousand Short Tons)

Census Division and State	June 1991	May 1991	June 1990	Year to Date		
				1991	1990	Percent Change
New England	477	523	518	3,089	3,380	-8.6
Connecticut	67	69	87	442	547	-19.2
Massachusetts	330	314	334	2,014	2,202	-8.5
New Hampshire	80	140	97	633	631	.2
Middle Atlantic	4,459	4,474	4,618	26,484	30,359	-12.8
New Jersey	169	211	291	1,161	1,678	-30.8
New York	849	856	864	4,596	5,425	-15.3
Pennsylvania	3,441	3,407	3,463	20,727	23,256	-10.9
East North Central	14,626	15,388	14,392	82,293	84,643	-2.8
Illinois	2,352	2,424	2,134	13,922	13,325	4.5
Indiana	3,694	3,682	3,877	21,482	24,707	-13.1
Michigan	2,947	3,075	2,957	12,897	12,051	7.0
Ohio	3,984	4,330	4,065	24,649	25,910	-4.9
Wisconsin	1,649	1,876	1,359	9,343	8,650	8.0
West North Central	8,644	7,854	7,866	50,754	51,702	-1.8
Iowa	1,343	1,297	1,245	7,744	7,522	2.9
Kansas	1,267	1,200	1,210	6,333	7,960	-20.4
Minnesota	1,399	1,442	1,229	7,906	8,497	-6.9
Missouri	2,064	1,731	1,713	12,699	12,065	5.3
Nebraska	679	674	704	4,214	4,221	-.2
North Dakota	1,680	1,277	1,582	10,578	10,500	.7
South Dakota	211	233	183	1,280	938	36.5
South Atlantic	9,859	10,032	10,779	60,813	67,461	-9.9
Delaware	191	155	151	1,030	1,116	-7.7
Florida	2,008	2,011	2,181	12,219	12,501	-2.2
Georgia	2,045	2,070	2,356	12,551	13,504	-7.1
Maryland	869	796	818	4,336	5,098	-14.9
North Carolina	1,319	1,277	1,433	8,236	9,880	-16.6
South Carolina	784	790	856	4,354	4,518	-3.6
Virginia	486	452	520	3,793	3,699	2.5
West Virginia	2,156	2,481	2,464	14,295	17,146	-16.6
East South Central	6,029	6,507	7,105	38,186	42,496	-10.1
Alabama	1,810	2,055	1,874	11,826	11,049	7.0
Kentucky	2,276	2,524	3,002	14,898	18,649	-20.1
Mississippi	324	314	396	1,754	2,034	-13.8
Tennessee	1,619	1,614	1,834	9,707	10,763	-9.8
West South Central	10,411	10,056	10,365	60,821	58,087	4.7
Arkansas	909	889	923	6,283	4,988	26.0
Louisiana	803	821	945	5,320	5,067	5.0
Oklahoma	1,228	1,259	937	7,941	7,306	8.7
Texas	7,471	7,087	7,560	41,276	40,728	1.3
Mountain	6,625	7,590	7,570	47,595	49,106	-3.1
Arizona	1,462	1,469	1,268	8,132	7,763	4.8
Colorado	982	1,154	1,334	7,583	7,705	-1.6
Montana	554	593	583	4,770	4,666	2.2
Nevada	591	700	425	4,162	3,508	18.7
New Mexico	760	1,049	1,278	5,602	7,465	-25.0
Utah	761	971	945	6,600	7,085	-6.8
Wyoming	1,515	1,653	1,738	10,746	10,914	-1.5
Pacific	358	581	435	3,157	2,730	15.7
Oregon	58	211	-	965	-	-
Washington	300	370	435	2,192	2,730	-19.7
U.S. Total	61,488	63,005	63,649	373,192	389,965	-4.3

Note: Total may not equal sum of components because of independent rounding.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 8. Quality and Price of Coal Receipts at Electric Utility Plants, June 1991

Census Division and State	June 1991		June 1990		Year to Date					
					1991		1990		Percent Change	
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.98	175	0.91	179	0.88	180	0.95	179	-7.3	0.5
Connecticut	.41	188	.42	205	.41	213	.41	210	.7	1.4
Massachusetts	1.00	172	.98	171	.92	174	.97	171	-5.7	1.5
New Hampshire	1.37	175	1.11	186	1.06	176	1.31	179	-18.9	-1.6
Mid Atlantic	1.65	153	1.58	156	1.62	156	1.62	155	-.2	.9
New Jersey	.77	180	.83	182	.85	182	.81	179	5.2	1.4
New York	1.38	158	1.47	159	1.38	162	1.44	161	-3.7	.7
Pennsylvania	1.76	150	1.68	153	1.72	153	1.73	151	-.7	1.3
East North Central	1.59	151	1.59	153	1.67	152	1.68	153	-.7	-.8
Illinois	1.62	179	1.86	176	1.80	174	1.94	175	-7.3	-.5
Indiana	1.92	135	1.95	135	1.94	138	1.92	140	.9	-1.5
Michigan	.62	163	.60	162	.65	165	.65	166	-1.0	-.7
Ohio	2.18	146	2.00	155	2.16	149	2.05	152	5.5	-2.0
Wisconsin	.91	134	.86	137	.82	137	.83	137	-.7	.1
West North Central	1.12	118	1.18	116	1.08	116	1.11	115	-2.8	1.0
Iowa	.94	117	.90	118	.76	113	.73	112	4.4	.9
Kansas	.75	125	.87	124	.60	126	.69	125	-13.2	.5
Minnesota	.53	133	.60	136	.54	137	.56	134	-3.1	2.4
Missouri	1.79	140	2.16	136	1.78	137	1.99	135	-10.3	1.7
Nebraska	.39	78	.41	79	.41	77	.42	77	-3.8	-.7
North Dakota	1.39	72	1.30	71	1.30	71	1.22	69	5.9	1.9
South Dakota	1.51	115	1.59	111	1.43	114	1.50	118	-4.3	-3.4
South Atlantic	1.20	171	1.26	169	1.21	171	1.24	169	-1.7	1.3
Delaware	.66	177	.78	185	.76	179	.73	183	4.4	-2.2
Florida	1.42	185	1.45	184	1.40	189	1.42	185	-2.1	2.0
Georgia	1.38	179	1.41	179	1.35	179	1.42	179	-4.7	-.2
Maryland	.90	161	1.07	164	1.01	164	1.11	165	-9.0	-.2
North Carolina	.74	177	.74	177	.75	181	.75	179	-.7	.9
South Carolina	.86	171	.95	172	.94	170	.92	172	1.2	-1.4
Virginia	.78	158	.74	147	.77	156	.75	158	2.5	-1.1
West Virginia	1.47	153	1.57	147	1.52	151	1.50	146	1.2	3.3
East South Central	1.71	145	1.77	145	1.72	143	1.79	143	-3.8	-.1
Alabama	1.18	189	1.31	186	1.21	184	1.26	186	-3.5	-.9
Kentucky	2.20	119	2.18	121	2.23	118	2.25	119	-.7	-.7
Mississippi	1.24	172	1.41	163	1.23	173	1.36	164	-9.5	5.6
Tennessee	1.73	124	1.66	136	1.70	124	1.67	136	2.0	-8.8
West South Central	.87	151	.87	146	.82	151	.84	149	-2.6	1.6
Arkansas	.35	170	.41	153	.36	161	.41	169	-10.5	-5.2
Louisiana	.60	165	.59	171	.57	173	.61	170	-6.2	1.6
Oklahoma	.51	136	.55	143	.48	129	.54	138	-11.7	-6.8
Texas	1.06	149	1.02	142	1.01	152	1.00	146	1.6	4.4
Mountain	.54	120	.55	112	.55	116	.56	114	-1.8	1.7
Arizona	.51	136	.46	148	.50	142	.46	147	9.1	-3.5
Colorado	.37	112	.38	105	.38	107	.39	108	-3.8	-1.3
Montana	.76	65	.71	68	.77	69	.73	66	5.2	5.2
Nevada	.46	144	.48	148	.45	143	.47	155	-4.5	-7.8
New Mexico	.85	151	.85	126	.89	146	.88	131	1.5	11.4
Utah	.40	140	.43	110	.41	126	.44	113	-7.2	11.5
Wyoming	.57	84	.60	82	.60	84	.60	84	-.6	-.8
Pacific	.81	145	.95	163	.67	140	.87	160	-23.4	-12.4
Oregon	.41	107	-	-	.36	108	-	-	-	-
Washington	.89	153	.95	163	.81	155	.87	160	-7.1	-3.2
U.S. Total	1.27	147	1.29	147	1.26	147	1.30	146	-2.7	.3

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, June 1991

Census Division and State	June 1991		June 1990		Year to Date					
					1991		1990		Percent Change	
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	1.00	175	0.90	179	0.88	181	0.96	178	-7.8	1.8
Connecticut	.41	203	.42	205	.41	219	.41	211	1.1	3.5
Massachusetts	.98	172	.99	169	.94	174	.99	168	-5.3	3.8
New Hampshire	1.37	175	1.11	186	1.05	177	1.38	178	-23.8	-.6
Mid Atlantic	1.72	159	1.66	159	1.67	161	1.69	158	-1.4	1.9
New Jersey	.80	181	.77	178	.85	182	.79	178	6.9	2.5
New York	1.38	161	1.52	158	1.42	164	1.45	162	-2.7	1.5
Pennsylvania	1.84	157	1.77	158	1.77	159	1.83	155	-3.2	2.4
East North Central	1.64	159	1.64	160	1.73	160	1.72	160	.4	-.6
Illinois	1.77	194	1.99	187	1.91	182	2.01	183	-4.9	-.4
Indiana	2.00	139	1.99	137	2.01	141	1.96	144	2.5	-2.0
Michigan	.57	167	.58	165	.63	171	.63	169	1.4	1.2
Ohio	2.26	156	2.19	170	2.27	161	2.15	166	5.2	-2.9
Wisconsin	.98	144	.92	141	.89	144	.89	143	-.8	.7
West North Central	1.14	120	1.19	118	1.10	118	1.10	116	.2	1.6
Iowa	1.13	133	1.11	138	.93	120	.77	121	8.4	-.7
Kansas	.45	127	.43	123	.45	129	.45	125	-1.2	3.3
Minnesota	.52	132	.58	137	.54	137	.54	135	-.4	1.2
Missouri	1.93	141	2.27	139	1.89	139	2.10	138	-10.1	.6
Nebraska	.40	84	.40	83	.40	83	.41	80	-3.0	3.8
North Dakota	1.39	72	1.30	71	1.30	71	1.22	69	6.3	3.0
South Dakota	1.51	115	1.59	111	1.43	114	1.50	118	-4.3	-3.4
South Atlantic	1.21	177	1.25	178	1.24	177	1.24	177	*	.4
Delaware	.63	178	.76	187	.68	181	.73	182	-7.4	-.5
Florida	1.36	194	1.35	192	1.34	198	1.35	194	-.8	2.4
Georgia	1.55	189	1.45	188	1.53	189	1.45	187	5.5	.7
Maryland	.97	166	1.06	164	1.05	168	1.11	167	-6.0	.5
North Carolina	.74	177	.76	183	.74	183	.75	183	-1.4	*
South Carolina	.95	176	.94	180	.95	177	.93	177	2.2	-.2
Virginia	.81	162	.81	158	.79	160	.76	157	4.6	1.9
West Virginia	1.46	158	1.57	158	1.54	156	1.58	157	-2.5	-.6
East South Central	1.71	148	1.86	153	1.77	147	1.88	151	-5.8	-3.1
Alabama	1.19	198	1.16	204	1.20	195	1.09	203	9.7	-3.9
Kentucky	2.24	122	2.56	122	2.37	120	2.63	121	-9.7	-.7
Mississippi	1.24	172	1.08	170	1.21	174	1.12	170	8.2	2.2
Tennessee	1.73	124	1.72	141	1.73	124	1.73	140	-.1	-11.1
West South Central	.88	151	.88	147	.83	153	.85	150	-2.1	1.7
Arkansas	.35	170	.41	153	.36	161	.41	169	-10.5	-5.2
Louisiana	.60	165	.59	171	.57	173	.61	170	-6.2	1.6
Oklahoma	.52	138	.54	146	.49	132	.51	141	-5.1	-6.0
Texas	1.07	149	1.04	143	1.03	152	1.02	148	1.0	4.2
Mountain	.55	122	.56	115	.56	119	.56	116	-1.6	2.0
Arizona	.51	136	.46	148	.50	141	.46	147	9.1	-3.9
Colorado	.37	118	.38	108	.37	111	.39	109	-4.3	1.0
Montana	.76	65	.71	68	.77	69	.73	66	5.2	5.2
Nevada	.46	144	.48	148	.45	143	.47	155	-4.5	-7.8
New Mexico	.85	151	.85	126	.89	146	.88	131	1.5	11.4
Utah	.40	147	.43	111	.41	129	.44	114	-6.3	12.9
Wyoming	.58	86	.62	86	.61	87	.63	87	-2.4	-.4
Pacific	.89	153	.99	166	.72	146	.95	165	-23.7	-11.4
Oregon	-	-	-	-	.37	109	-	-	-	-
Washington	.89	153	.99	166	.81	155	.95	165	-14.6	-5.9
U.S. Total	1.28	151	1.29	151	1.28	151	1.29	150	-1.1	.4

* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, June 1991

Census Division and State	June 1991		June 1990		Year to Date					
					1991		1990		Percent Change	
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.86	172	0.95	178	0.86	173	0.91	182	-6.1	-5.1
Connecticut	.41	166	-	-	.41	171	.43	198	-3.3	-13.5
Massachusetts	1.11	175	.95	178	.85	172	.94	179	-9.9	-4.2
New Hampshire	-	-	-	-	1.11	175	.99	187	12.5	-6.1
Mid Atlantic	1.35	130	1.36	146	1.37	134	1.41	146	-2.6	-8.2
New Jersey	.59	175	1.07	196	.83	176	.89	190	-6.5	-7.4
New York	1.39	152	1.34	161	1.31	157	1.40	159	-6.5	-1.3
Pennsylvania	1.36	115	1.39	137	1.42	121	1.43	140	-.4	-13.6
East North Central	1.37	119	1.39	128	1.43	121	1.54	127	-6.6	-4.6
Illinois	1.05	124	1.39	134	1.20	131	1.59	133	-24.5	-1.8
Indiana	1.55	121	1.70	118	1.61	123	1.75	120	-8.4	2.1
Michigan	.94	134	.76	146	.71	130	.76	154	-6.7	-15.1
Ohio	1.88	111	1.62	126	1.87	117	1.82	124	2.5	-5.9
Wisconsin	.79	117	.68	123	.66	119	.63	117	5.5	1.2
West North Central	1.00	108	1.12	104	.97	105	1.19	107	-18.0	-2.3
Iowa	.51	82	.61	90	.51	87	.64	91	-20.8	-4.5
Kansas	1.55	122	2.00	130	1.29	110	2.25	125	-42.5	-11.9
Minnesota	.92	141	.86	123	.67	131	.79	112	-16.1	16.6
Missouri	1.27	133	1.73	126	1.37	133	1.55	125	-11.3	6.7
Nebraska	.37	64	.43	68	.42	64	.46	68	-8.2	-5.3
North Dakota	-	-	-	-	1.14	41	-	-	-	-
South Atlantic	1.12	140	1.29	143	1.10	142	1.23	146	-10.2	-2.2
Delaware	1.00	162	.86	173	1.05	171	.71	185	47.3	-7.7
Florida	1.69	142	1.83	149	1.64	148	1.74	152	-5.6	-2.4
Georgia	.85	147	1.29	157	.81	149	1.33	157	-39.2	-5.2
Maryland	.65	145	1.11	163	.85	152	1.09	160	-22.2	-5.3
North Carolina	-	-	.63	139	.86	138	.75	157	14.9	-12.6
South Carolina	.99	153	.95	157	.90	147	.92	157	-2.0	-6.3
Virginia	.68	140	.61	125	.71	145	.74	159	-3.9	-8.9
West Virginia	1.58	109	1.58	114	1.42	112	1.30	114	9.1	-1.9
East South Central	1.65	116	1.50	123	1.43	122	1.56	121	-8.1	.7
Alabama	1.16	131	1.83	126	1.27	133	1.81	125	-29.8	6.3
Kentucky	2.00	106	1.25	118	1.57	112	1.44	116	8.5	-3.8
Mississippi	-	-	2.13	148	1.68	149	1.95	148	-13.9	.7
Tennessee	.77	115	1.48	122	1.41	122	1.46	122	-3.9	-.2
West South Central	.40	130	.52	128	.41	119	.58	126	-29.5	-5.3
Oklahoma	.42	110	.67	124	.41	107	.70	121	-41.4	-11.5
Texas	.39	140	.43	130	.40	136	.48	130	-16.7	5.1
Mountain	.40	87	.44	83	.45	90	.45	87	-1.4	2.7
Arizona	-	-	-	-	.50	161	-	-	-	-
Colorado	.37	91	.36	94	.38	92	.38	101	-1.1	-9.7
Utah	.40	105	.48	100	.42	106	.48	104	-12.8	2.1
Wyoming	.44	50	.50	67	.53	60	.48	66	11.4	-9.2
Pacific	.41	107	.53	126	.35	107	.34	128	4.0	-15.7
Oregon	.41	107	-	-	.35	107	-	-	-	-
Washington	-	-	.53	126	-	-	.34	128	-	-
U.S. Total	1.21	122	1.28	128	1.18	124	1.33	130	-10.7	-4.9

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, June 1991

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	347	280	676	197	319	168	1,342	212	1.13	-2.6	2.3	1.3
Arizona	1,056	114	-	-	-	-	1,056	114	.48	24.7	3.0	4.5
Colorado	1,076	145	1	85	-	-	1,077	145	.38	-3.6	13.2	1.9
Illinois	-	-	1,048	155	3,635	161	4,683	160	2.35	5.2	1.4	-2.1
Indiana	65	153	355	130	2,003	128	2,423	129	2.25	-4.6	.6	-1.9
Iowa	-	-	-	-	7	167	7	167	3.40	-12.5	-2.7	-23.3
Kansas	-	-	-	-	32	135	32	135	2.94	-34.5	12.5	14.8
Kentucky	1,424	169	4,641	167	2,948	125	9,013	154	1.43	-16.4	-.6	-3.6
Louisiana	-	-	186	134	-	-	186	134	.86	-14.3	-2.6	5.1
Maryland	-	-	302	135	-	-	302	135	1.28	42.7	-12.4	-.3
Missouri	-	-	-	-	147	206	147	206	3.80	-35.8	50.1	-5.3
Montana	1,900	180	1,410	115	-	-	3,309	153	.51	6.0	.6	.2
New Mexico	442	150	1,013	158	-	-	1,454	156	.72	-24.8	4.9	-.4
North Dakota	-	-	1,546	83	344	48	1,891	77	1.40	7.1	2.0	5.9
Ohio	*	171	43	140	2,312	142	2,354	142	2.94	7.5	-7.9	3.1
Oklahoma	1	198	22	145	19	109	41	129	2.09	-35.9	-7.1	36.8
Pennsylvania	166	152	2,712	152	974	150	3,852	151	1.46	-9.9	-2.2	.6
Tennessee	34	120	180	129	47	116	261	126	1.05	-36.8	-14.7	-8.3
Texas	-	-	2,531	127	2,037	107	4,569	118	1.61	-.2	9.7	4.1
Utah	883	142	9	178	-	-	892	142	.40	-14.8	22.0	-7.8
Virginia	246	176	1,006	155	10	140	1,263	159	.93	-2.7	-5.2	6.4
Washington	-	-	300	153	-	-	300	153	.89	-25.2	-7.5	-9.8
West Virginia	2,092	171	2,864	161	1,920	145	6,876	160	1.28	-.6	.7	-2.5
Wyoming	13,300	137	720	104	-	-	14,020	135	.42	2.6	1.9	-5.0
Imported	44	144	93	166	-	-	138	159	.60	-13.8	-12.5	-.1
U.S. Total	23,075	150	21,657	150	16,755	140	61,488	147	1.27	-3.4	.5	-1.3

* For percentage calculations, the absolute value of the number is less than 0.05 percent.
Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-June 1991

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	2,190	271	4,286	190	1,757	167	8,233	207	1.08	-0.6	1.2	-1.9
Arizona	6,362	109	-	-	-	-	6,362	109	.45	23.8	-.5	-.7
Colorado	7,723	139	14	93	-	-	7,737	139	.38	-1.0	-4.0	-2.1
Illinois	-	-	5,656	157	21,181	161	26,838	160	2.40	-1.7	1.0	-.8
Indiana	362	152	1,363	134	11,306	130	13,030	131	2.29	-17.8	1.9	1.0
Iowa	-	-	-	-	41	179	41	179	3.24	42.8	9.2	-13.4
Kansas	-	-	-	-	217	134	217	134	2.84	-42.5	11.5	10.2
Kentucky	8,014	171	28,552	166	18,917	125	55,482	154	1.47	-15.1	-.7	-2.3
Louisiana	-	-	1,287	139	-	-	1,287	139	.96	-14.3	2.0	18.5
Maryland	-	-	1,578	141	13	124	1,591	141	1.22	18.1	-9.0	-2.9
Missouri	-	-	-	-	900	196	900	196	3.89	-28.8	36.3	-2.1
Montana	6,610	195	9,880	111	-	-	16,490	146	.59	2.5	4.1	-2.0
New Mexico	2,556	178	7,086	153	-	-	9,642	160	.75	-15.8	6.0	1.8
North Dakota	-	-	9,654	80	2,204	56	11,858	75	1.31	3.7	2.7	5.3
Ohio	7	157	238	138	14,237	146	14,482	146	2.96	-5.4	-3.0	4.5
Oklahoma	17	147	152	145	34	113	202	140	1.40	-61.6	2.4	-10.1
Pennsylvania	865	158	16,824	156	5,695	150	23,384	154	1.46	-11.0	.4	.2
Tennessee	46	127	1,312	132	350	119	1,708	129	1.17	-33.3	-14.2	2.6
Texas	-	-	15,354	125	7,860	112	23,214	121	1.66	-2.1	11.9	6.9
Utah	7,151	128	101	149	-	-	7,251	128	.42	-7.2	10.1	-5.4
Virginia	1,702	187	6,188	164	10	140	7,900	169	.89	-7.2	-.9	3.4
Washington	-	-	2,192	155	-	-	2,192	155	.81	-9.2	-5.8	-14.5
West Virginia	11,942	171	17,750	163	12,071	146	41,763	160	1.28	-5.7	2.0	-1.8
Wyoming	84,523	135	5,768	102	107	122	90,398	133	.43	7.0	-1.1	-2.4
Imported	457	151	531	168	-	-	988	160	.58	28.7	-10.6	-5.8
U.S. Total	140,527	147	135,765	150	96,901	141	373,192	147	1.26	-4.3	.3	-2.7

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1991

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	11,826	11,049	81.5	76.2	1.21	1.26	184	186
Alabama	8,193	8,139	86.5	94.7	1.07	1.09	208	206
Illinois	503	359	84.8	-	1.69	2.08	122	111
Indiana	-	458	-	-	-	2.05	-	117
Kentucky	1,813	1,167	68.4	31.6	1.84	2.06	128	131
Ohio	158	291	100.0	96.7	1.72	1.96	118	118
Tennessee	551	413	47.8	13.6	.96	.68	130	124
West Virginia	607	4	75.8	-	.97	.51	141	151
Wyoming	-	216	-	-	-	.44	-	170
Arizona	8,132	7,763	97.4	100.0	.50	.46	142	147
Arizona	3,787	3,365	100.0	100.0	.45	.44	104	101
Colorado	351	537	100.0	100.0	.33	.31	171	175
New Mexico	3,994	3,860	94.6	100.0	.57	.50	179	188
Arkansas	6,283	4,988	100.0	100.0	.36	.41	161	169
Wyoming	6,283	4,988	100.0	100.0	.36	.41	161	169
Colorado	7,583	7,705	83.0	88.4	.38	.39	107	108
Colorado	4,867	5,125	73.6	82.6	.38	.39	106	109
Wyoming	2,715	2,581	100.0	100.0	.36	.40	109	106
Connecticut	442	547	88.0	90.7	.41	.41	213	210
Kentucky	442	547	88.0	90.7	.41	.41	213	210
Delaware	1,030	1,116	78.2	72.6	.76	.73	179	183
Kentucky	52	110	100.0	15.1	.65	.52	174	194
Maryland	-	21	-	100.0	-	1.11	-	141
Pennsylvania	249	170	27.5	49.2	1.13	1.10	169	165
Virginia	64	159	77.0	40.3	.90	.64	202	195
West Virginia	665	656	95.6	95.3	.62	.68	180	183
Florida	12,219	12,501	81.4	79.9	1.40	1.42	189	185
Illinois	2,207	2,037	98.4	100.0	2.40	2.40	215	208
Indiana	119	245	-	-	2.70	2.84	111	109
Kentucky	7,214	8,122	80.5	74.3	1.25	1.31	183	179
Ohio	240	-	-	-	2.98	-	164	-
Pennsylvania	3	-	-	-	1.12	-	128	-
Tennessee	86	62	100.0	100.0	.95	.83	218	219
Virginia	434	445	90.6	100.0	.66	.58	230	250
West Virginia	1,044	1,070	91.3	87.2	.88	1.02	196	184
Imported coal Colombia	831	479	64.0	100.0	.61	.65	160	177
Imported coal Venezuela	42	40	-	-	.43	.63	127	171
Georgia	12,551	13,504	74.0	73.1	1.35	1.42	179	179
Alabama	39	143	-	-	1.94	1.60	140	156
Illinois	2,512	2,649	100.0	92.1	2.57	2.51	206	194
Kentucky	6,127	7,217	77.4	68.8	1.25	1.29	164	168
Tennessee	39	913	-	54.1	1.54	1.06	152	188
Virginia	1,636	1,504	81.3	83.2	1.01	1.07	180	177
West Virginia	1,001	730	69.6	98.8	.53	.57	228	245
Wyoming	1,195	347	-	-	.41	.37	153	160
Illinois	13,922	13,325	85.1	85.3	1.80	1.94	174	175
Colorado	315	-	-	-	.39	-	145	-
Illinois	7,824	7,868	92.5	90.8	2.70	2.71	142	148
Indiana	940	1,111	54.5	70.7	1.33	1.62	135	122
Kentucky	744	1,112	72.9	37.0	.61	.87	164	154
Montana	1,780	1,409	100.0	100.0	.35	.40	279	292
New Mexico	-	66	-	-	-	.43	-	171
Tennessee	10	-	100.0	-	.59	-	149	-
West Virginia	363	88	29.9	26.2	.56	.52	151	162
Wyoming	1,946	1,651	84.8	95.5	.40	.42	271	289
Indiana	21,482	24,707	83.7	84.0	1.84	1.92	138	140
Colorado	429	335	-	100.0	.39	.39	169	300
Illinois	4,162	5,026	89.0	87.6	2.46	2.40	163	159
Indiana	9,124	10,502	83.2	83.2	2.42	2.39	128	127
Kentucky	2,209	2,475	91.4	88.1	2.38	2.33	132	137
Montana	304	388	100.0	64.2	.35	.39	281	241
Ohio	21	35	-	-	2.17	2.13	138	123
West Virginia	11	242	-	68.4	.50	.55	170	206
Wyoming	5,222	5,704	83.5	82.0	.40	.39	129	129
Iowa	7,744	7,522	77.7	69.7	.76	.73	113	112
Illinois	653	535	97.4	86.9	2.38	2.52	181	162
Indiana	379	328	87.6	57.1	2.28	2.20	138	137
Iowa	41	29	100.0	100.0	3.24	3.74	179	164
Kentucky	-	5	-	-	-	2.52	-	131
Wyoming	6,671	6,625	75.1	68.8	.42	.43	101	104

See footnotes at end of table.

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1991 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Kansas	6,333	7,960	83.2	89.0	0.60	0.69	126	125
Colorado	-	127	-	100.0	-	.31	-	117
Illinois	553	652	24.7	16.5	2.18	2.61	159	144
Kansas	55	173	31.4	-	2.44	2.46	122	121
Wyoming	5,725	7,008	89.4	97.8	.38	.41	121	123
Kentucky	14,898	18,649	82.7	68.4	2.23	2.25	118	119
Illinois	-	91	-	88.6	-	1.59	-	135
Indiana	1,266	1,323	74.3	60.1	2.34	2.40	107	110
Kentucky	11,011	14,933	84.0	72.3	2.50	2.45	117	118
Ohio	155	156	57.2	56.4	2.50	2.38	137	148
Pennsylvania	-	11	-	-	-	2.03	-	107
Tennessee	316	281	96.1	83.4	1.83	2.09	116	121
Virginia	-	60	-	100.0	-	.58	-	158
West Virginia	1,644	1,681	75.1	39.2	.69	.63	131	129
Wyoming	506	113	100.0	34.5	1.42	.35	124	124
Louisiana	5,320	5,067	100.0	100.0	.57	.61	173	170
Louisiana	1,287	1,501	100.0	100.0	.96	.81	139	136
West Virginia	85	137	100.0	100.0	.45	.52	170	205
Wyoming	3,948	3,429	100.0	100.0	.47	.54	182	180
Maryland	4,336	5,098	79.2	66.3	1.01	1.11	164	165
Kentucky	189	285	81.5	71.2	.51	.56	156	162
Maryland	632	809	68.4	47.7	1.11	1.22	173	171
Ohio	7	-	-	-	1.57	-	167	-
Pennsylvania	1,048	1,215	99.3	93.5	1.43	1.48	181	181
West Virginia	2,460	2,788	73.5	59.3	.84	.97	156	156
Massachusetts	2,014	2,202	81.6	71.9	.92	.97	174	171
Kentucky	-	3	-	-	-	.62	-	174
Maryland	-	40	-	-	-	.75	-	185
Pennsylvania	209	602	-	36.7	1.07	1.09	173	173
Virginia	568	662	78.7	100.0	.81	.95	176	172
West Virginia	1,212	761	96.7	91.9	.85	.99	173	166
Imported coal Colombia	-	64	-	-	-	.61	-	179
Imported coal Venezuela	24	70	100.0	-	.57	.48	168	181
Michigan	12,897	12,051	84.3	81.3	.65	.65	165	166
Indiana	48	112	100.0	78.5	2.33	2.44	162	162
Kentucky	3,106	3,293	88.2	72.4	.78	.72	180	181
Montana	4,335	3,896	97.6	100.0	.38	.36	158	156
Ohio	36	51	77.8	100.0	2.74	3.02	200	210
Pennsylvania	832	971	76.7	75.6	1.26	1.11	151	158
Virginia	-	113	-	100.0	-	1.09	-	186
West Virginia	3,323	2,782	87.1	75.1	.84	.67	172	171
Wyoming	1,218	833	23.6	53.3	.36	.30	113	109
Minnesota	7,906	8,496	97.5	92.7	.54	.56	137	134
Illinois	19	21	100.0	100.0	1.60	1.27	158	190
Indiana	37	21	-	-	1.56	1.73	155	165
Kentucky	-	7	-	56.1	-	.89	-	190
Montana	4,382	4,853	96.9	88.3	.72	.75	142	137
North Dakota	-	1	-	100.0	-	.87	-	174
Pennsylvania	-	3	-	100.0	-	1.02	-	176
West Virginia	-	2	-	100.0	-	.95	-	169
Wyoming	3,468	3,589	99.4	99.1	.31	.29	130	128
Mississippi	1,754	2,034	95.4	70.3	1.23	1.36	173	164
Illinois	668	557	96.5	89.9	2.12	2.03	151	150
Indiana	-	14	-	-	-	4.42	-	128
Kentucky	1,065	1,463	96.8	63.4	.69	1.07	186	169
Montana	23	-	-	-	.31	-	175	-
Missouri	12,699	12,065	79.0	78.8	1.78	1.99	137	135
Colorado	212	65	100.0	100.0	.40	.40	160	159
Illinois	6,362	6,259	83.3	83.5	2.20	2.20	151	151
Indiana	39	80	-	100.0	3.11	2.89	155	122
Kansas	162	204	14.0	-	2.98	2.67	138	119
Kentucky	458	623	94.2	99.9	2.56	2.55	128	123
Missouri	900	1,264	99.7	97.8	3.89	3.98	196	144
New Mexico	-	18	-	-	-	.34	-	135
Ohio	-	24	-	-	-	2.10	-	171
Oklahoma	-	36	-	100.0	-	3.64	-	138
Wyoming	4,566	3,491	69.3	64.4	.43	.42	98	97
Montana	4,770	4,666	100.0	100.0	.77	.73	69	66
	4,770	4,666	100.0	100.0	.77	.73	69	66

of table.

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1991 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Nebraska	4,214	4,221	65.8	75.7	0.41	0.42	77	77
Wyoming	4,214	4,221	65.8	75.7	.41	.42	77	77
Nevada	4,162	3,508	100.0	100.0	.45	.47	143	155
Arizona	2,575	1,774	100.0	100.0	.46	.49	117	127
Utah	1,394	1,404	100.0	100.0	.44	.47	184	181
Wyoming	193	330	100.0	100.0	.42	.42	197	202
New Hampshire	633	631	83.0	81.5	1.06	1.31	176	179
Kentucky	-	17	-	-	-	.68	-	201
Pennsylvania	394	70	100.0	100.0	1.12	1.02	178	179
West Virginia	147	429	27.0	84.6	1.30	1.58	173	177
Imported coal Canada	-	34	-	-	-	.97	-	181
Imported coal Venezuela	91	81	100.0	100.0	.41	.39	173	189
New Jersey	1,161	1,678	89.5	88.0	.85	.81	182	179
Kentucky	25	31	-	-	.61	.62	170	190
Ohio	-	14	-	-	-	1.66	-	203
Pennsylvania	-	26	-	-	-	.95	-	189
Virginia	398	693	99.3	99.9	.58	.58	178	177
West Virginia	738	914	87.2	85.8	1.01	.98	184	180
New Mexico	5,602	7,465	100.0	100.0	.89	.88	146	131
New Mexico	5,602	7,465	100.0	100.0	.89	.88	146	131
New York	4,596	5,425	68.8	66.0	1.38	1.44	162	161
Kentucky	374	258	93.3	100.0	.42	.38	210	209
Maryland	9	19	-	-	1.63	1.29	154	168
Ohio	-	38	-	-	-	1.55	-	160
Pennsylvania	2,456	2,863	51.1	46.7	1.40	1.44	154	155
West Virginia	1,749	2,248	89.0	88.4	1.58	1.56	162	162
Wyoming	9	-	-	-	.43	-	191	-
North Carolina	8,236	9,879	95.6	85.8	.75	.75	181	179
Kentucky	3,743	4,840	97.1	84.1	.75	.78	189	186
Virginia	1,895	2,173	99.9	97.0	.87	.83	168	168
West Virginia	2,598	2,866	90.3	80.0	.65	.63	180	178
North Dakota	10,578	10,500	97.3	100.0	1.30	1.22	71	69
North Dakota	10,578	10,500	97.3	100.0	1.30	1.22	71	69
Ohio	24,649	25,910	73.6	67.7	2.16	2.05	149	152
Illinois	-	24	-	-	-	2.57	-	117
Indiana	-	41	-	-	-	2.97	-	109
Kentucky	4,209	5,031	66.3	46.9	.95	1.01	158	157
Ohio	12,669	12,742	76.7	71.4	2.95	2.79	147	154
Pennsylvania	1,440	1,615	58.8	56.0	1.63	1.72	141	137
Virginia	18	-	-	-	.63	-	143	-
West Virginia	6,280	6,458	76.2	80.1	1.55	1.51	148	149
Wyoming	33	-	-	-	.35	-	145	-
Oklahoma	7,941	7,306	85.5	88.1	.48	.54	129	138
Oklahoma	202	490	91.8	26.3	1.40	1.41	140	137
Wyoming	7,739	6,816	85.3	92.5	.44	.45	128	138
Oregon	965	-	52.8	-	.38	-	108	-
Wyoming	965	-	52.8	-	.38	-	108	-
Pennsylvania	20,727	23,256	85.5	75.9	1.72	1.73	153	151
Kentucky	15	-	100.0	-	1.06	-	177	-
Ohio	626	1,117	99.9	97.8	3.26	3.35	159	151
Pennsylvania	15,406	17,663	81.4	69.6	1.49	1.48	154	153
West Virginia	4,680	4,476	96.8	95.6	2.27	2.32	151	146
South Carolina	4,354	4,518	76.4	75.2	.94	.92	170	172
Kentucky	3,835	3,874	74.1	75.7	.91	.92	171	174
Tennessee	-	135	-	-	-	1.20	-	164
Virginia	458	500	95.4	92.6	1.16	.92	181	160
West Virginia	60	9	78.1	47.4	.78	.77	179	179
South Dakota	1,280	938	100.0	100.0	1.43	1.50	114	118
North Dakota	1,280	938	100.0	100.0	1.43	1.50	114	118
Tennessee	9,707	10,763	92.7	78.3	1.70	1.67	124	136
Illinois	1,054	621	51.6	33.2	1.75	1.89	126	117
Indiana	-	704	-	-	-	1.75	-	123
Kentucky	7,257	8,106	98.5	87.3	1.81	1.72	123	140
Tennessee	706	757	87.6	75.2	1.05	1.14	122	122
Virginia	691	574	100.0	100.0	1.31	1.39	129	130
Texas	41,276	40,728	98.1	96.8	1.01	1.00	152	146
Colorado	819	952	78.1	68.0	.35	.35	218	205
Texas	23,214	23,723	100.0	99.7	1.66	1.55	121	108
Wyoming	17,243	16,052	96.4	94.4	.42	.44	179	183

See footnotes at end of table.

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1991 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Utah	6,600	7,085	87.3	87.7	0.41	0.44	126	113
Colorado	743	675	100.0	100.0	.42	.53	224	226
Utah	5,857	6,410	85.7	86.4	.41	.43	115	102
Virginia	3,793	3,699	73.4	69.5	.77	.75	156	158
Kentucky	1,080	1,275	67.3	56.7	.80	.82	155	160
Virginia	1,695	1,626	80.8	79.1	.73	.69	156	156
West Virginia	1,018	797	67.5	70.4	.80	.77	157	157
Washington	2,192	2,730	100.0	88.1	.81	.87	155	160
Washington	2,192	2,414	100.0	99.7	.81	.95	155	165
Wyoming	-	316	-	-	-	.33	-	127
West Virginia	14,295	17,146	87.5	73.5	1.52	1.50	151	146
Kentucky	287	475	88.5	83.1	.70	.87	200	174
Maryland	951	458	83.9	53.4	1.29	1.38	119	124
Ohio	570	838	96.2	54.2	3.29	3.28	96	95
Pennsylvania	408	281	76.7	12.0	1.70	1.57	119	118
West Virginia	12,078	15,094	87.7	76.0	1.47	1.43	156	149
Wisconsin	9,343	8,650	72.2	75.7	.82	.83	137	137
Illinois	323	574	79.4	76.0	1.44	1.75	152	143
Indiana	1,080	813	78.8	98.2	1.87	1.74	183	189
Kentucky	226	102	-	-	.79	.61	154	184
Montana	896	881	87.4	83.2	.74	.72	164	162
New Mexico	46	43	-	-	.44	.39	181	174
Pennsylvania	938	782	98.7	100.0	1.36	1.27	157	155
Virginia	43	-	-	-	.57	-	170	-
West Virginia	-	69	-	-	-	1.26	-	165
Wyoming	5,792	5,286	67.9	70.0	.41	.41	113	113
Wyoming	10,746	10,914	86.2	83.8	.60	.60	84	84
Wyoming	10,746	10,914	86.2	83.8	.60	.60	84	84
U.S. Total	373,192	389,965	86.1	82.5	1.26	1.30	147	146

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1991

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	8,233	8,283	86.1	93.1	1.08	1.10	207	205
Alabama	8,193	8,139	86.5	94.7	1.07	1.09	208	206
Georgia	39	143	-	-	1.94	1.60	140	156
Arizona	6,362	5,139	100.0	100.0	.45	.48	109	110
Arizona	3,787	3,365	100.0	100.0	.45	.44	104	101
Nevada	2,575	1,774	100.0	100.0	.46	.49	117	127
Colorado	7,737	7,817	71.4	84.7	.38	.39	139	145
Arizona	351	537	100.0	100.0	.33	.31	171	175
Colorado	4,867	5,125	73.6	82.6	.38	.39	106	109
Illinois	315	-	-	-	.39	-	145	-
Indiana	429	335	-	100.0	.39	.39	169	300
Kansas	-	127	-	100.0	-	.31	-	117
Missouri	212	65	100.0	100.0	.40	.40	160	159
Texas	819	952	78.1	68.0	.35	.35	218	205
Utah	743	675	100.0	100.0	.42	.53	224	226
Illinois	26,838	27,294	87.9	84.6	2.40	2.42	160	159
Alabama	503	359	84.8	-	1.69	2.08	122	111
Florida	2,207	2,037	98.4	100.0	2.40	2.40	215	208
Georgia	2,512	2,649	100.0	92.1	2.57	2.51	206	194
Illinois	7,824	7,888	92.5	90.8	2.70	2.71	142	148
Indiana	4,162	5,026	89.0	87.6	2.46	2.40	163	159
Iowa	653	535	97.4	86.9	2.38	2.52	181	162
Kansas	553	652	24.7	16.5	2.18	2.61	159	144
Kentucky	-	91	-	88.6	-	1.59	-	135
Minnesota	19	21	100.0	100.0	1.60	1.27	158	190
Mississippi	666	557	96.5	89.9	2.12	2.03	151	150
Missouri	6,362	6,259	83.3	83.5	2.20	2.20	151	151
Ohio	-	24	-	-	-	2.57	-	117
Tennessee	1,054	621	51.6	33.2	1.75	1.89	126	117
Wisconsin	323	574	79.4	76.0	1.44	1.75	152	143
Indiana	13,030	15,851	78.8	73.0	2.29	2.27	131	129
Alabama	-	458	-	-	-	2.05	-	117
Florida	119	245	-	-	2.70	2.84	111	109
Illinois	940	1,111	54.5	70.7	1.33	1.62	135	122
Indiana	9,124	10,502	83.2	83.2	2.42	2.39	128	127
Iowa	379	328	87.6	57.1	2.28	2.20	138	137
Kentucky	1,266	1,323	74.3	60.1	2.34	2.40	107	110
Michigan	48	112	100.0	78.5	2.33	2.44	162	162
Minnesota	37	21	-	-	1.56	1.73	155	165
Mississippi	-	14	-	-	-	4.42	-	128
Missouri	39	80	-	100.0	3.11	2.89	155	122
Ohio	-	41	-	-	-	2.97	-	109
Tennessee	-	704	-	-	-	1.75	-	123
Wisconsin	1,080	913	78.8	98.2	1.87	1.74	183	189
Iowa	41	29	100.0	100.0	3.24	3.74	179	164
Iowa	41	29	100.0	100.0	3.24	3.74	179	164
Kansas	217	377	18.4	-	2.84	2.57	134	120
Kansas	55	173	31.4	-	2.44	2.46	122	121
Missouri	162	204	14.0	-	2.98	2.67	138	119
Kentucky	55,482	65,370	83.2	72.3	1.47	1.50	154	155
Alabama	1,813	1,167	68.4	31.6	1.84	2.06	128	131
Connecticut	442	547	88.0	90.7	.41	.41	213	210
Delaware	52	110	100.0	15.1	.65	.52	174	194
Florida	7,214	8,122	80.5	74.3	1.25	1.31	183	179
Georgia	6,127	7,217	77.4	68.8	1.25	1.29	164	168
Illinois	744	1,112	72.9	37.0	.61	.87	164	154
Indiana	2,209	2,475	91.4	88.1	2.38	2.33	132	137
Iowa	-	5	-	-	-	2.52	-	131
Kentucky	11,011	14,933	84.0	72.3	2.50	2.45	117	118
Maryland	189	285	81.5	71.2	.51	.56	156	162
Massachusetts	-	3	-	-	-	.62	-	174
Michigan	3,106	3,293	88.2	72.4	.78	.72	180	181
Minnesota	-	7	-	56.1	-	.89	-	190
Mississippi	1,065	1,463	96.8	63.4	.69	1.07	186	169
Missouri	458	623	94.2	99.9	2.56	2.55	128	123
New Hampshire	-	17	-	-	-	.68	-	201
New Jersey	25	31	-	-	.61	.62	170	190
New York	374	258	93.3	100.0	.42	.38	210	209
North Carolina	3,743	4,840	97.1	84.1	.75	.78	189	186

See footnotes at end of table.

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1991 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Kentucky								
Ohio	4,209	5,031	66.3	46.9	0.95	1.01	158	157
Pennsylvania	15	-	100.0	-	1.06	-	177	-
South Carolina	3,835	3,874	74.1	75.7	.91	.92	171	174
Tennessee	7,257	8,106	98.5	87.3	1.81	1.72	123	140
Virginia	1,080	1,275	67.3	56.7	.90	.82	155	160
West Virginia	287	475	88.5	83.1	.70	.87	200	174
Wisconsin	226	102	-	-	.79	.61	154	184
Louisiana	1,287	1,501	100.0	100.0	.96	.81	139	136
Louisiana	1,287	1,501	100.0	100.0	.96	.81	139	136
Maryland	1,591	1,347	77.3	48.4	1.22	1.26	141	155
Delaware	-	21	-	100.0	-	1.11	-	141
Maryland	632	809	68.4	47.7	1.11	1.22	173	171
Massachusetts	-	40	-	-	-	.75	-	185
New York	9	19	-	-	1.63	1.29	154	188
West Virginia	951	458	83.9	53.4	1.29	1.38	119	124
Missouri	900	1,264	99.7	97.8	3.89	3.98	196	144
Missouri	900	1,264	99.7	97.8	3.89	3.98	196	144
Montana	16,490	16,093	97.7	94.7	.59	.60	146	141
Illinois	1,780	1,409	100.0	100.0	.35	.40	279	292
Indiana	304	388	100.0	64.2	.35	.39	281	241
Michigan	4,335	3,896	97.6	100.0	.38	.36	158	156
Minnesota	4,382	4,853	96.9	88.3	.72	.75	142	137
Mississippi	23	-	-	-	.31	-	175	-
Montana	4,770	4,666	100.0	100.0	.77	.73	69	66
Wisconsin	896	881	87.4	83.2	.74	.72	164	162
New Mexico	9,642	11,454	97.3	98.9	.75	.74	160	151
Arizona	3,994	3,860	94.6	100.0	.57	.50	179	188
Illinois	-	66	-	-	-	.43	-	171
Missouri	-	18	-	-	-	.34	-	135
New Mexico	5,602	7,465	100.0	100.0	.89	.88	146	131
Wisconsin	46	43	-	-	.44	.39	181	174
North Dakota	11,858	11,439	97.6	100.0	1.31	1.25	75	73
Minnesota	-	1	-	100.0	-	.87	-	174
North Dakota	10,578	10,500	97.3	100.0	1.30	1.22	71	69
South Dakota	1,280	938	100.0	100.0	1.43	1.50	114	118
Ohio	14,462	15,308	77.1	72.3	2.96	2.83	146	150
Alabama	158	291	100.0	96.7	1.72	1.96	118	118
Florida	240	-	-	-	2.98	-	164	-
Indiana	21	35	-	-	2.17	2.13	138	123
Kentucky	155	156	57.2	58.4	2.50	2.38	137	148
Maryland	7	-	-	-	1.57	-	167	-
Michigan	38	51	77.6	100.0	2.74	3.02	200	210
Missouri	-	24	-	-	-	2.10	-	171
New Jersey	-	14	-	-	-	1.66	-	203
New York	-	38	-	-	-	1.55	-	160
Ohio	12,669	12,742	76.7	71.4	2.95	2.79	147	154
Pennsylvania	826	1,117	99.9	97.8	3.26	3.35	159	151
West Virginia	570	838	96.2	54.2	3.29	3.28	96	95
Oklahoma	202	526	91.8	31.3	1.40	1.55	140	137
Missouri	-	36	-	100.0	-	3.64	-	138
Oklahoma	202	490	91.8	28.3	1.40	1.41	140	137
Pennsylvania	23,384	26,271	77.1	67.0	1.46	1.46	154	154
Delaware	249	170	27.5	49.2	1.13	1.10	169	165
Florida	3	-	-	-	1.12	-	128	-
Kentucky	-	11	-	-	-	2.03	-	107
Maryland	1,048	1,215	99.3	93.5	1.43	1.48	181	181
Massachusetts	209	602	-	36.7	1.07	1.09	173	173
Michigan	832	971	76.7	75.6	1.26	1.11	151	158
Minnesota	-	3	-	100.0	-	1.02	-	176
New Hampshire	394	70	100.0	100.0	1.12	1.02	178	179
New Jersey	-	26	-	-	-	.95	-	189
New York	2,456	2,863	51.1	46.7	1.40	1.44	154	155
Ohio	1,440	1,615	58.8	56.0	1.63	1.72	141	137
Pennsylvania	15,406	17,663	81.4	69.6	1.49	1.48	154	153
West Virginia	408	281	76.7	12.0	1.70	1.57	119	118
Wisconsin	936	782	98.7	100.0	1.36	1.27	157	155
Tennessee	1,708	2,562	75.0	55.3	1.17	1.14	129	151
Alabama	551	413	47.8	13.6	.96	.68	130	124

See footnotes at end of table.

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1991 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Tennessee								
Florida	86	62	100.0	100.0	0.95	0.83	218	219
Georgia	39	913	-	54.1	1.54	1.06	152	188
Illinois	10	-	100.0	-	.59	-	149	-
Kentucky	316	281	96.1	83.4	1.83	2.09	116	121
South Carolina	-	135	-	-	-	1.20	-	164
Tennessee	706	757	87.6	75.2	1.05	1.14	122	122
Texas	23,214	23,723	100.0	99.7	1.66	1.55	121	108
Texas	23,214	23,723	100.0	99.7	1.66	1.55	121	108
Utah	7,251	7,814	88.4	88.8	.42	.44	128	116
Nevada	1,394	1,404	100.0	100.0	.44	.47	184	181
Utah	5,857	6,410	85.7	86.4	.41	.43	115	102
Virginia	7,900	8,509	88.7	90.7	.89	.86	169	170
Delaware	64	159	77.0	40.3	.90	.64	202	195
Florida	434	445	90.6	100.0	.66	.58	230	250
Georgia	1,636	1,504	81.3	83.2	1.01	1.07	180	177
Kentucky	-	60	-	100.0	-	.58	-	168
Massachusetts	568	662	78.7	100.0	.81	.95	176	172
Michigan	-	113	-	100.0	-	1.09	-	186
New Jersey	398	693	99.3	99.9	.58	.58	178	177
North Carolina	1,895	2,173	99.9	97.0	.87	.83	168	169
Ohio	18	-	-	-	.63	-	143	-
South Carolina	458	500	95.4	92.6	1.16	.92	161	160
Tennessee	691	574	100.0	100.0	1.31	1.39	129	130
Virginia	1,695	1,626	80.8	79.1	.73	.69	156	156
Wisconsin	43	-	-	-	.57	-	170	-
Washington	2,192	2,414	100.0	99.7	.81	.95	155	165
Washington	2,192	2,414	100.0	99.7	.81	.95	155	165
West Virginia	41,763	44,303	84.5	78.2	1.28	1.30	160	157
Alabama	607	4	75.8	-	.97	.51	141	151
Delaware	665	656	95.6	95.3	.62	.68	180	183
Florida	1,044	1,070	91.3	87.2	.88	1.02	196	184
Georgia	1,001	730	69.6	98.8	.53	.57	228	245
Illinois	363	88	29.9	26.2	.56	.52	151	162
Indiana	11	242	-	68.4	.50	.55	170	206
Kentucky	1,644	1,681	75.1	39.2	.69	.63	131	129
Louisiana	85	137	100.0	100.0	.45	.52	170	205
Maryland	2,460	2,788	73.5	59.3	.84	.97	156	156
Massachusetts	1,212	761	96.7	91.9	.95	.99	173	166
Michigan	3,323	2,782	87.1	75.1	.64	.67	172	171
Minnesota	-	2	-	100.0	-	.95	-	169
New Hampshire	147	429	27.0	84.6	1.30	1.58	173	177
New Jersey	738	914	87.2	85.8	1.01	.98	184	180
New York	1,749	2,248	89.0	88.4	1.58	1.56	162	162
North Carolina	2,598	2,866	90.3	80.0	.65	.63	180	178
Ohio	6,280	6,458	76.2	80.1	1.55	1.51	148	149
Pennsylvania	4,680	4,476	96.8	95.6	2.27	2.32	151	148
South Carolina	60	9	78.1	47.4	.78	.77	179	179
Virginia	1,018	797	67.5	70.4	.80	.77	157	157
West Virginia	12,078	15,094	87.7	76.0	1.47	1.43	156	149
Wisconsin	-	69	-	-	-	1.26	-	165
Wyoming	90,398	84,509	84.5	86.1	.43	.45	133	134
Alabama	-	216	-	-	-	.44	-	170
Arkansas	6,283	4,988	100.0	100.0	.36	.41	161	169
Colorado	2,715	2,581	100.0	100.0	.36	.40	109	106
Georgia	1,195	347	-	-	.41	.37	153	160
Illinois	1,946	1,651	84.8	95.5	.40	.42	271	289
Indiana	5,222	5,704	83.5	82.0	.40	.39	129	129
Iowa	6,671	6,625	75.1	68.8	.42	.43	101	104
Kansas	5,725	7,008	89.4	97.8	.38	.41	121	123
Kentucky	506	113	100.0	34.5	1.42	.35	124	124
Louisiana	3,948	3,429	100.0	100.0	.47	.54	182	180
Michigan	1,218	833	23.6	53.3	.36	.30	113	109
Minnesota	3,468	3,589	99.4	99.1	.31	.29	130	128
Missouri	4,566	3,491	69.3	64.4	.43	.42	98	97
Nebraska	4,214	4,221	65.8	75.7	.41	.42	77	77
Nevada	193	330	100.0	100.0	.42	.42	197	202
New York	9	-	-	-	.43	-	191	-
Ohio	33	-	-	-	.35	-	145	-

See footnotes at end of table.

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1991 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Wyoming								
Oklahoma	7,739	6,816	85.3	92.5	0.44	0.45	128	138
Oregon	965	-	52.8	-	.36	-	108	-
Texas	17,243	16,052	96.4	94.4	.42	.44	179	183
Washington	-	316	-	-	-	.33	-	127
Wisconsin	5,792	5,286	67.9	70.0	.41	.41	113	113
Wyoming	10,746	10,914	86.2	83.8	.60	.60	84	84
Imported Coal	988	768	65.4	73.0	.58	.62	160	179
Canada	-	34	-	-	-	.97	-	181
New Hampshire	-	34	-	-	-	.97	-	181
Colombia	831	543	64.0	88.2	.61	.65	160	178
Florida	831	479	64.0	100.0	.61	.65	160	177
Massachusetts	-	64	-	-	-	.61	-	179
Venezuela	158	191	73.2	42.5	.44	.47	160	183
Florida	42	40	-	-	.43	.63	127	171
Massachusetts	24	70	100.0	-	.57	.48	168	181
New Hampshire	91	81	100.0	100.0	.41	.39	173	189
U.S. Total	373,192	389,965	86.1	82.5	1.26	1.30	147	148

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Electronic Publishing System (EPUB)

User Instructions

EPUB is an electronic publishing system maintained by the Energy Information Administration of the U.S. Department of Energy. EPUB allows the general public to electronically access selected energy data from many of EIA's statistical reports. The system is a menu-driven, bulletin board type system with extensive online help capabilities that can be accessed free of charge 24 hours a day by using a terminal or PC with an asynchronous modem. (EPUB will be taken down briefly at midnight for backup.)

CONFIGURING YOUR PC SOFTWARE

PC users must provide the following information to their communications software in order to successfully access the EPUB system. Consult your communications software documentation for information on how to correctly configure your software.

Communications Parameters:
BAUD RATE: 300 - 2400 bps
DATA BITS: 8
STOP BITS: 1
PARITY: NONE
DUPLEX: FULL
TERMINAL TYPE: *example*: ANSI, ANSI-BBS, VT100

ACCESS PHONE NUMBER

Once your communications software and/or hardware has been configured, you can access EPUB by dialing (202)586-2557.

USING EPUB

When a connection to the system has been made, some users may find that the menu-driven instructions and the online help capabilities will provide enough information to effectively use EPUB. If needed, more extensive information may be found in the EPUB Users Guide, which is available online from the EPUB system or from:

National Energy Information Center, EI-231
Energy Information Administration
Forrestal Building, Room 1F-048
Washington, DC 20585
(202) 586-8800
Hours 8:00 a.m. to 5:00 p.m. Eastern Time, Monday through Friday

EPUB ASSISTANCE:

For communications or technical assistance, call (202) 586-8959, 8:00 a.m. to 5:00 p.m. Eastern Time, Monday through Friday.

For questions about the content of EPUB reports, call (202) 586-8800, 8:00 a.m. to 5:00 p.m. Eastern Time, Monday through Friday.

EPUB PROVIDES SELECTED DATA FROM THE FOLLOWING EIA PUBLICATIONS:

Weekly Petroleum Status Report, updated on Wednesdays at 5:00 p.m.
Petroleum Supply Monthly, updated on the 20th of the month
Petroleum Marketing Monthly, updated on the 20th of the month
Natural Gas Monthly, updated on the 20th of the month
Weekly Coal Production, updated on Fridays at 5:00 p.m.
Quarterly Coal Report, updated 60 days after the end of the quarter
Electric Power Monthly, updated on the 1st of the month
Monthly Energy Review, updated the last week of the month
Short Term Energy Outlook, updated 60 days after the end of the quarter.

Methodology

Weekly Data

Weekly coal production estimates are based on weekly carload data collected by the Association of American Railroads (AAR) from its member railroads and other cooperating railroads. EIA calculates the average tonnage per carload for each railroad's coal car fleet from information obtained from the most recent Quarterly Freight Commodity Statistics filed by Class I Railroads with the Interstate Commerce Commission (ICC) and from data made available by individual railroads. These average tonnages per carload are then multiplied by the number of cars loaded to obtain an estimate of weekly coal production shipped by AAR railroads.

Next, the weekly coal production estimate for a specific week is obtained by dividing the AAR rail tonnage for the week by a factor representing the proportion of quarterly AAR rail shipments to total quarterly coal production for the same quarter of the previous year in order to reflect seasonal variation. The ratio of rail tonnage to total production is occasionally adjusted to take into consideration current rail or coal strikes.

Once the U.S. weekly coal production estimate is determined, it is split into two subtotals - a portion for States with little or no rail coal shipments, and a portion for the remaining States, in which a significant percentage of production is shipped by rail. The States with little or no railroad coal shipments are Alaska, Arizona, Arkansas, California, Georgia, Iowa, Kansas, Louisiana, Missouri, Texas, and Washington. With the exception of California and Louisiana, the weekly production estimate for each "nonrail State" is estimated by multiplying the U.S. weekly coal production estimate by the ratio of projected production for that State to total U.S. projected production, for the current quarter. The methodology used to project State coal production is given in the EIA publication *Model Documentation of the Short-Term Coal Analysis System* (DOE/EIA-0394). The EIA contacts the producers in California and Louisiana to obtain their production estimates.

Production estimates for the "rail States" are based on the weekly railroad tonnage data for railroads shipping coal from those States, data supplied by these railroads on the percentages of their coal shipments originating from these States, and estimates made by the EIA concerning the amount of State production tonnage that is shipped on these railroads. These figures are used to compute weekly coal production estimates for these "rail States." These independent estimates are then proportionately adjusted to insure that the total production estimate for these "rail States" equals the U.S. total weekly coal production estimate minus the production estimated for all of the "nonrail States." Separate production estimates are made for the anthracite and bituminous coal regions in Pennsylvania, eastern and western Kentucky, and northern and southern West Virginia.

Monthly Data

Preliminary estimates of monthly coal production by State are obtained by summing weekly coal production estimates published in the *Weekly Coal Production* report. If a week extends into a new month, the production is allocated by day, and the days are added to the month in which they occur. For weeks without holidays, the allocation is Monday through Friday, 18.4 percent each day; Saturday, 8 percent; and Sunday, 0 percent. For weeks with a holiday occurring on a day other than Sunday, the allocation is Sunday and the holiday, 0 percent; and any other day, 20 percent.

Preliminary weekly and monthly production estimates are revised quarterly when quarterly production data, become available. Preliminary weekly and monthly estimates are proportionately adjusted to conform to the quarterly production figure.

Quarterly Data

Estimates of quarterly coal production are based on data collected quarterly on Form EIA-6, with certain adjustments. The national estimate of quarterly coal production is set equal to the quarterly U.S. coal production total as reported on the Form EIA-6. Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

The quarterly production data, although published throughout the year, are considered preliminary until EIA annual production data are finalized in September of the following year. At that time quarterly production data are revised (proportionately adjusted) to conform to the final annual production figures.

Finalizing Annual Production

Preliminary total annual U.S. coal production, as reported in the *Weekly Coal Production* report in the first week in January of the following year, is the sum of revised monthly/quarterly estimates of production for the first 9 months (first three quarters) and a preliminary estimate of fourth quarter production derived from weekly estimates.

When production data for the fourth quarter of the year become available from Form EIA-6 in March of the following year, the preliminary fourth-quarter U.S. total production figure and corresponding State-level figures may or may not be revised, depending on the size of the difference between the estimates and fourth-quarter data. As a general practice, EIA does not revise the initial annual production estimates (determined initially in January of the following year). Weekly, monthly, and quarterly State and national production data are adjusted to conform to finalized annual production figures derived from Form EIA-7A, in September of the following year.

Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.